GOVERNMENT OF INDIA
DRINKING WATER AND SANITATION
LOK SABHA

UNSTARRED QUESTION NO:5375
ANSWERED ON:06.04.2017
Conversion of Saline Water into Potable Water
Biju Shri Parayamparanbil Kuttappan

Will the Minister of DRINKING WATER AND SANITATION be pleased to state:

(a) the details of the plants set up to convert saline water into potable water, State-wise, including Kerala;

(b) whether the Government has any proposal to set up more such plants in the coastal States to convert sea water into potable water, including Kerala; and

(c) if so, the details thereof and if not, the reasons therefor?

Answer

MINISTER OF STATE
IN THE MINISTRY OF DRINKING WATER AND SANITATION
(SHRI RAMESH CHANDAPPA JIGAJINAGI)

(a) As reported by the Chennai Metro Water Supply & Sewerage Board, Government of Tamil Nadu, there are two desalination plants each of 100MLD (100 Million Liters per Day) capacity set up one each at Minjur and Nemmeli near Chennai city. There are three more desalination plants set up in Lakshadweep Island (Kavaratti, Agatti & Minicoy) each of one lakh liter per day capacity.

As reported by the Kerala Water Authority, Government of Kerala, there is no desalination plants set up in Kerala.

(b) & (c) Rural drinking water supply is a state subject. It is up to the state government to decide to go in for more number of desalination plants. Desalination becomes option for the state only if adequate surface water and safe ground water are not available.

However, the Government of Kerala has been advised to set up small Reverse Osmosis (RO) plants to treat brackish water in the coastal area where there is acute shortage of drinking water.

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